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ESTABLISHED 1870

THE SHENANDOAH NURSERIES

D. S. LAKE, Proprietor

Semi-Annual Wholesale Trade List

Fall 1912

FOR NURSERYMEN ONLY

SHENANDOAH, IOWA

PLEASE READ CAREFULLY

This business was established in 1870 and is still under the same management.

Have a plant of over six hundred acres, and all up-to-date equipment necessary for the proper and rapid handling of Nursery Stock.

Location—Are located in Southwestern Iowa—fifty miles south-east of Omaha, Nebr., and seventy miles north-west of St. Joseph, Mo.

Packing Season—The Fall packing begins about Oct. 1st and we can make shipment from storage all winter with the exception of evergreens and some heavy shade trees.

Rail Road Facilities—We have the C. B. & Q., Wabash, and Keokuk & Western Railroads and have low freight rates with direct lines to Chicago, Denver, Kansas City, Minneapolis, Omaha, St. Louis, St. Joseph and other Central points.

Express Companies—The Adams and Wells-Fargo give good service.

CONDITIONS OF SALE

Shipping—If no directions are given, we will forward to the best of our judgment but in no case will we assume responsibility after consignment to purchaser.

Payment—Cash or security before shipment of goods, except with established firms, when if unknown to us, reference will be required before goods are forwarded. Orders to be sent C. O. D. should be accompanied by one-fourth cash.

Prices—Are limited to Fall 1912 and supersede all previous lists and are subject to change without notice.

Caution—We accept all orders upon condition that they shall be void should injury befall stock from frost, fire, hail storms or other causes over which we have no control.

Grades—We grade carefully; in some cases by caliper; in others by height. When graded by both caliper and height, the caliper must govern.

Claims—For deduction, will receive consideration only when made within six days after receipt of goods.

Packing—Prices contained herein are net; cost of boxing and baling will be added.

Certificate of Inspection—Will be furnished with each shipment.

Our Guarantee of Genuineness—While we exercise proper diligence to have our trees, etc., true to label and hold ourselves in readiness, on proper proof, to replace all trees, etc., that may prove untrue to label, free of charge or refund the amount paid, it is mutually understood and agreed between the purchaser and ourselves that our guarantee of genuineness shall in no case make us liable for any sum greater than originally received for said trees, etc., that prove untrue.

BOXING AND PACKING

30x36x10	feet	$3 50
30x30x10	feet	3 00
24x30x10	feet	2 75
24x24x10	feet	2 50
18x18x10	feet	1 75
12x12x8	feet	1 25

FRUIT TREES, SMALL FRUITS, ETC.

Apple General Assortment

		Code	Per 100	Per 1000
Standard	First Class, 5 feet and up, 11-16 inch and up	Dab	16 00	150 00
"	" " 4 to 5 feet, 5-8 to 11-16 inch	Daft	13 00	120 00
"	" " 3½ to 4½ feet, 1-2 to 5-8 inch	Dale	8 00	70 00
"	" " 3 to 4 feet, slightly branched	Damp	5 00	40 00

Leading Varieties

Summer

Benoni
*Duchess
Early Harvest
Livland Raspberry
*Red June
*Red Astrachan
Summer Queen
Sweet Bough
Sweet June
Tetofsky
White Astrachan
*Yellow Transparent

Autumn

Alexander
Autumn Strawberry
A. S. Pearmain
Bailey Sweet
Dyer
Fall Pippin
Fall Winesap
*Fameuse
Gideon
Gravenstein
Haas
*Iowa Beauty
Jefferis
Lowell
*Maiden Blush
*Okabena
Peerless
Peter
*Rambo
Ramsdell Sweet
Red Bietigheimer
University
*Wealthy

Winter

Ark, Black
*Baldwin
Banana
Ben Davis
*Black Ben Davis
*Chicago
E. G. Russet
Gano
Grimes Golden
Huntsman
Hyde King
Ingram
Iowa Blush
Janet
Jonathan
King David
*King of T. Co.
Lawver
Mann
M. B. Twig
*McIntosh Red
Minkler
Mo. Pippin
Munson Sweet
*No. Spy
N. W. Greening
*Opalescent
Patten Greening
Pewaukee
Plumb Cider
Price Sweet
R. I. Greening
Roman Stem
Rome Beauty
Spitzenburg
Stark
*Stayman Winesap
Sutton Beauty
Tolman Sweet
Twenty Ounce Pippin
*Wagener
Walbridge
W. W. Pearmain
Windsor Chief
Winesap
W. S. Paradise
Wisc. Russet
*Wolf River
Yellow Bellflower
Yellow Newtown Pippin
York Imperial

One Year Whips

Apple—1 year, 3 to 4 feet	Dampen	70 00
" 1 " 2 to 3 "	Damper	50 00

List of Varieties

Arkansas Black
Banana
Ben Davis
Black Ben Davis
*Delicious
Duchess
Early Harvest
Gravenstein
Grimes Golden
Ingram
Jonathan
Livland Raspberry
M. B. Twig
McIntosh Red
Rome Beauty
Spitzenburg (Esopus)
*Stayman Winesap
Wagener
Wealthy
Winesap
Wolt River
Yellow Newton Pippin
Yellow Transparent
York Imperial

Most of the above named varieties of one year apple will be left standing in the field so shipment can only be made at such times as we can dig them.

Varieties marked with a (*) will be booked only in such proportion in assortment as our stock will permit. If supplied alone $20 00 per 1000 additional.

CRAB APPLE

		Code	Per 100	Per 1000
Standard	First class, 5 feet and up, 11-16 inch and up	Dane	15 00	140 00
" " "	4 to 5 feet, 5-8 to 11-16 inch	Dance	12 00	110 00
" " "	3½ to 4½ feet, 1-2 to 5-8 "	Dare	8 00	70 00
" " "	3 to 4 feet, slightly branched	Dark	6 00	50 00

Leading Varieties

Excelsior	Quaker Beauty	Van Wyck Sweet
Florence	Red Siberian	Whitney
Hyslop	Shields	Yellow Siberian
Martha	Transcendent	

CHERRY

Early Richmond, Dyehouse, and Olivet

Two years,	5 to 6 feet, 3-4 inch and up	Dart	11 00	100 00
" "	4 to 5 " 5-8 to 3-4 inch	Dash	9 00	80 00
" "	3 to 4 " 1-2 to 5-8 "	Dawn	7 00	60 00

General Assortment

Two years,	5 to 6 feet, 3-4 inch and up	Day	14 00	120 00
" "	4 to 5 " 5-8 to 3-4 inch	Daze	12 00	100 00
" "	3 to 4 " 1-2 to 5-8 "	Deaf	8 00	75 00

Varieties

Bing	Lambert	Ostheim
Black Tartarian	May Duke	Windsor
English Morello	Montmorency Large	Wragg
Gov. Wood	Montmorency Ord.	Yellow Glass

General Assortment

One Year,	4 to 5 feet	Dean	10 00	----
" "	3 to 4 "	Debar	8 00	----
" "	2 to 3 "	Debt	6 00	----

Varieties

Bing	Lambert	Napoleon
Black Tartarian	May Duke	Windsor
Gov. Wood	Montmorency	Yellow Glass

Compass Cherry-Plum

Two years,	5 to 6 feet, 11-16 inch and up	Decay	16 00	----
" "	4 to 5½ feet, 9-16 to 11-16 inch	Decent	13 00	----
" "	3½ to 4½ feet, 7-16 to 9-16 "	Deck	10 00	----
" "	3 to 4 feet, under 7-16 inch	Decoy	7 00	----

PEACH

One Year,	4 to 6 feet, 11-16 inch and up	Deface	9 00	80 00
" "	4 to 5 " 9-16 to 11-16 inch	Defect	8 00	75 00
" "	3 to 4 " 7-16 to 9-16 inch	Defer	7 00	60 00

Varieties

Alexander	Crosby	Muir
Bailey	Early Rivers	O. M. Cling
Bokara No. 3	Elberta	O. M. Free
Carman	Fitzgerald	Purple Leaf
Champion	Greensboro	Salway
Chinese Cling	Hale's Early	Sneed
Cooledge's Favorite	Heath Cling	Triumph
Crawford's Early	Hill's Chili	Wagner
Crawford's Late	Lemon Cling	Wonderful

APRICOT

	Code	Per 100	Per 1000
Two Years, 5 to 6 feet, 11-16 inch and up	Define	15 00	----
" " 4 to 5 " 5-8 to 11-16 inch	Deform	12 00	----
" " 3½ to 4½ feet, 1-2 to 5-8 "	Defrat	9 00	----
" " 3-8 to 1-2 inch	Lefray	7 00	----

Leading Varietias

Alexander Alexis Gibb J. L. Budd

Nectarines, New White and Red Roman, 5 to 6 feet	Degree	15 00	----
" " " " " " 4 to 5 "	Deign	12 00	----
" " " " " " 3 to 4 "	Deject	10 00	----

PLUM

American and Chickasaw on Plum

Two Years, 5 to 6 feet, 11-16 inch and up	Delude	17 00	----
" " 4 to 5½ " 9-16 to 11-16 inch	Demise	14 00	----
" " 3½ to 4½ " 7-16 to 9-16 "	Demon	10 00	----
" " 3 to 4 " under 7-16 inch	Demont	7 00	----

Leading Varieties

Cheney	Milton	Weaver
Desoto	Pottawattamie	Wild Goose
Forest Garden	Stoddard	Wolf
Hawkeye	Surprise	Wyant

European, Two years, 5 to 6 feet, 3-4 inch and up	Denote	15 00	----
" " " 4 to 5 " 5-8 to 3-4 inch	Dense	12 00	----
" " " 3 to 4 " 1-2 to 5-8 "	Dent	9 00	----

Leading Varieties

Bradshaw	Imperial Gage	Reine Claude
French Damson	Lombard	Shropshire Damson
Gueii	Moore's Arctic	Yellow Egg
	Pond's Seedling	

Japanese, Two years, 5 to 6 feet, 3-4 inch and up	Deny	17 00	150 00
" " " 4 to 5 " 5-8 to 3-4 inch	Depart	14 00	120 00
" " " 3 to 4 " 1-2 to 5-8 "	Depict	11 00	90 00
" " " under 1-2 inch	Depite	8 00	60 00

Leading Varieties

Abundance Burbank Red June Wickson

PEAR

Garber and Kieffer, Standard

Two Years, 5 feet and up, 3-4 inch and up	Deplete	14 00	125 00
" " 4 to 6 feet, 5-8 to 3-4 inch	Deplore	11 00	100 00
" " 4 to 5 " 1-2 to 5-8 "	Depose	9 00	80 00

General Assortment Standard

Two Years, 5 feet and up, 3-4 inch and up	Deport	16 00	140 00
" " 4 to 6 feet, 5-8 to 3-4 inch	Depute	13 00	110 00
" " 4 to 5 " 1-2 to 5-8 "	Deputy	9 00	80 00

*Bartlett	Flemish Beauty	Seckel
Beurre d' Anjou	Howell	Sheldon
Clapp's Favorite	Koonce	Vermont Beauty
Duchess	Lawrence	Wilder
Early Harvest	Rossney	Worden Seckel

Dwarf, Two Years, 11-16 inch and up	Desert	10 00	----
" " " 5-8 to 11-16 inch	Desist	8 00	----
" " " 1-2 to 5-8 inch	Desk	6 00	----

Leading Varieties

*Bartlett	Garber	L. D. de Jersey
Clapp's Favorite	Howell	*Seckel
Duchess	Kieffer	

Varieties marked with a (*) 3 c per tree higher on each grade.

QUINCE

	Code	Per 100	Per 1000
Two years, 5 to 6 feet, 3-4 inch and up	Despot	18 00	----
" " 4 to 5 " 5-8 to 11-16 inch	Detail	15 00	----
" " 3 to 4 " 1-2 to 5-8 inch	Detect	12 50	----

MULBERRY

Russian, Two years, 6 to 8 feet	Detest	10 00	----
" " " 5 to 6 "	Detour	8 00	----
" " " 4 to 5 "	Devise	6 00	----
" " " 3 to 4 "	Devote	3 00	----
New American and Downing, 1 year, 5 to 6 feet	Dew	20 00	----
" " " " 1 " 4 to 5 "	Dial	17 00	----

GRAPE VINES—New York Grown

Agawam, (Roger's No. 15) Red, 2 years	Dice	3 50	30 00
" " " " " 1 year	Did	2 50	20 00
Brighton, Coppery Red, 2 years	Die	4 00	35 00
" " " 1 year	Diet	3 00	25 00
Campbell's Early, Black, 2 years	Differ	7 00	----
" " " 1 year	Dig	5 00	----
Catawba, Coppery Red, 2 years	Dike	3 00	----
" " " 1 year	Drill	2 00	----
Champion, Black, 2 years	Dim	3 50	----
" " 1 year	Dime	2 50	----
Clinton, Black, 2 years	Din	3 00	----
" " 1 year	Dine	2 00	----
Concord, Black, 2 years	Dint	2 20	18 00
" " 1 year	Dip	1 70	13 00
Delaware, Red, 2 years	Dipper	4 00	35 00
" " 1 year	Dire	3 00	25 00
Diamond, (Moore's) White, 2 years	Dirk	3 50	30 00
" " " 1 "	Dirt	2 50	20 00
Elvira, White, 2 years	Disc	3 00	25 00
" " 1 year	Discus	2 30	18 00
Empire State, White, 2 years	Dish	4 00	----
" " " 1 year	Disk	3 00	----
Isabella, 2 years	Ditch	3 50	----
" 1 year	Diva	2 50	----
Ives Seedling, Black, 2 years	Divan	3 00	----
" " " 1 year	Dive	2 00	----
Lindley, (Roger's No. 9) Red, 2 years	Docile	3 00	----
" " " " " 1 year	Doctor	2 00	----
Martha, White, 2 years	Dodge	3 50	30 00
" " 1 year	Doe	2 50	20 00
Moore's Early, Black, 2 years	Dog	3 50	32 50
" " " 1 year	Dole	2 50	22 50
Niagara, White, 2 years	Dolt	3 50	30 00
" " 1 year	Dome	2 50	20 00
Pocklington, White, 2 years	Don	3 50	30 00
" " 1 year	Doom	2 50	20 00
Salem, (Rogers No. 53) Coppery Red, 2 years	Door	3 50	----
" " " " " 1 year	Dose	2 50	----
Vergennes, Red, 2 years	Dote	3 50	----
" " 1 year	Doubt	2 50	----
Wilder, (Roger's No. 4) Black, 2 years	Dove	4 00	----
" " " " " 1 year	Down	3 00	----
Woodruff, Red, 2 years	Dozy	6 00	----
" " 1 year	Drab	4 00	----
Worden, Black, 2 years	Draff	3 50	32 50
" " 1 year	Drag	2 50	22 50
Wyoming, Red, 2 years	Dram	3 50	----
" " 1 year	Drake	2 50	----

In booking orders for 1 year No. 1 we may have to use 2 year No. 2

CURRANTS

	Code	Per 100	Per 1000
Cherry, 2 years, No. 1	Dram	3 00	25 00
" 1 " " 1	Drama	2 25	18 00
Fay's Prolific, 2 years, No. 1	Drame	3 00	25 00
" " 1 " " 1	Dramo	2 25	18 00
Perfection, 2 years, No. 1	Dramu	8 00	---
" 1 " " 1	Drape	6 00	---
Red, General Assortment, 2 years, No. 1	Draw	2 50	20 00
" " " 1 " " 1	Dray	2 00	15 00

Knight's Large Red — North Star — Red Dutch
La Versailles — Pomona — Victoria
London Market — Prince Albert — Wilder
L. B. Holland — Red Cross

White, 2 years, No. 1	Dregs	3 00	25 00
" 1 " " 1	Dress	2 25	18 00

White Dutch — White Grape

Black, 2 years, No. 1	Drift	3 50	30 00
" 1 " " 1	Drill	3 00	25 00

Black Champion — Black Naples — Lee's Prolific
Black Victoria

Tree Currants,	Drip	6 00	---

GOOSEBERRIES

Champion, 2 years, No. 1	Drive	6 00	---
" 1 " No. 1	Droll	5 00	---
Downing, 2 years, No. 1	Dron	6 50	60 00
" 1 " " 1	Drop	5 00	45 00
Houghton, 2 years, No. 1	Drot	4 00	35 00
" 1 " " 1	Drove	3 00	25 00
Industry, 2 years, No. 1	Drox	9 00	---
" 1 " " 1	Droy	7 00	---
Josselyn, (Red Jacket) 2 years, No. 1	Droz	7 00	---
" " " 1 " " 1	Drub	6 00	---
Mountain Seedling, 2 " " 1	Drud	6 00	---
" " 1 " " 1	Druf	5 00	---
Smith's Improved, 2 years, No. 1	Drul	6 00	---
" " 1 " " 1	Drun	5 00	---

RASPBERRIES

Cardinal, Columbian and Haymaker, (Purple.)	Drup	1 50	12 50
Cumberland, Gregg, Kansas, and Plum Farmer (Black)	Drut	1 00	8 00
Cuthbert, King, Miller and Turner, (Red)	Duke	90	7 00
Loudon, and Marlboro (Red)	Dull	1 25	10 00

BLACKBERRIES

Ancient Britton,	Earl	1 50	12 50
Blowers,	Earn	2 00	
Ea. Harvest,	Ease	1 00	8 00
Eldorado,	East	1 50	12 50
Erie,	Easy	80	8 00
Kittatinny,	Eave	1 25	10 00
Mersereau,	Ebon	1 50	12 50
Rathbun,	Echo	1 25	10 00
Snyder,	Edda	1 25	10 00
Stone's Hardy,	Eddy	1 25	10 00
Taylor,	Edge	1 25	10 00
Ward,	Edit	1 25	10 00
Wilson's Early,	Elot	1 00	8 00

DEWBERRIES

	Code	Per 100	Per 1000
Austin	Elude	1 25	10 00
Lucretia	Embalm	1 00	8 00
Premo	Embark	1 25	10 00

STRAWBERRIES

We advise shipping Strawberries by express. All freight shipments will be entirely at buyer's risk.

Leading Varieties	Ember	50	4 00

Aroma	Crescent	Rough Rider
Bederwood	Haverland	Senator Dunlap
Brandywine	Klondyke	Splendid
Bubach	New York	Warfield
Climax	Parker Earl	William Belt

GARDEN ROOTS

Asparagus, Barr's Mammoth, 2 years	Emblem	50	4 50
" " " 1 year	Emboss	40	3 50
" Conover's Colossal, 2 years	Emend	40	3 50
" " " 1 year	Emery	35	3 00
" Columbian, 2 years	Emmet	50	4 00
" " 1 year	Empale	40	3 00
" Giant Argenteuil, 2 years	Empire	50	4 50
" " " 1 year	Enact	40	3 50
" Palmetto, 2 years	Encore	50	4 00
" " 1 year	Endive	40	3 00
Horse Radish,	Endow	1 50	10 00
Rhubarb, Linnaeus and Victoria, strong roots	Endue	2 50	20 00
Sage,	Enjoy	5 00	----

MISCELLANEOUS

Juneberry, Dwarf, 2 to 3 feet	Enrage	6 00	----
" " 18 to 24 inches	Enrich	4 00	----
" " 12 to 18 "	Enroll	3 00	----
Rocky Mountain Dwarf, Transplanted			
3 to 4 feet	Ensign	6 00	----
2 to 3 feet	Ensly	5 00	----
18 to 24 inches	Ensue	4 00	----
12 to 18 "	Ensum	3 00	----
Strawberry-Raspberry,	Entail	2 00	15 00

CUTTINGS

Poplar, Carolina, Lombardy and Silver Leaved	Errand	----	1 50
Willow, Grey, Golden, Niobe, Red, Thurlow, Weeping, Wis	Escort	----	2 00
Tamarix, Amurensis and Africana	Estate	----	3 00

SEEDS

		Per lb	Per 100 lbs
Apple, American	Face	35	----
" French Imported	Fact	45	----
Ash,	Fade	10	8 00
Box Elder,	Fagg	10	8 00
Catalpa,	Fair	75	----
Locust, Black	Fare	30	25 00
" Honey	Faro	30	25 00
Mulberry, Russian	Fate	2 00	----
Peach Pits,	Fear	per bu.	2 00
Rhubarb,	Feat	75	----

FRUIT TREE STOCKS,—American Grown

Apple Seedlings—We will have our usual supply of apple seedlings for this winter's trade. They have made a good growth and are apparently in a very healthy condition. They have held their foliage well and there is no indication of insect pests or diseases whatsoever.

We usually scatter our blocks, selecting new land, and always avoiding old tree or seedling ground.

We always put off the taking up of same until they are fully matured. This insures seedlings of good strong vitality.

Shipments can be made from either Topeka, Kansas or Shenandoah, Iowa. We have frost proof buildings at each place with side track facilities. This is quite an advantage in handling Winter shipments.

We will undoubtedly have car-load lots to the following distributing points the Winter of 1912 and 1913: Huntsville, Ala., Winchester, Tenn., West Chester, Penna., Baltimore, Md., Richmond, Va., Dansville, N. Y., Geneva, N. Y., Rochester, N. Y., Vincennes, Ind., Monroe, Mich., Portland, Ore., Hood River, Ore., Fresno, Calif., Salt Lake City, Utah, Payette, Idaho, San Jose, Calif. and Vancouver, B. C.

Shipping in this way, gives quick transportation and a saving of about one half in freight. We load in through refrigerator cars in which we can get heaters if weather is severe. This insures safe arrival.

We make the following grades and prices:

Apple Seedlings,	No. 1, 3-16 inch and all up straight	Prices on Application
" "	No. 1, 3-16 inch and all up branched	
" "	No. 2, 2 16 to 3-16 inch straight or branched	
" "	No. 3, under 2 16 inch	
The number three are suitable for light grafting or lining out to bud		Per 1000
Pear Seedlings,	Japan, No. 1, 3-16 inch and up	8 00
" "	Kieffer, No. 1, 3-16 inch and up	7 00
Plum Seedlings,	Native, No. 1, 3-16 inch up	15 00
" " "	No. 2, 2-16 to 3-16 inch	12 00

FRUIT TREE STOCKS—French Grown

Fruit Tree Stocks of all kinds are scare and higher in price. They will however, run strong in grade. The season in France has been very favorable, and after looking over our blocks there, we feel safe in assuring our customers that the quality of all French Grown Seedlings will be of the very best this year.

We have all French goods shipped direct to Shenandoah, where we inspect and regrade them if neccessary. This is a great advantage to our customers.

Apple Seedlings, extra heavy, 7-12 mm* straight or branched	Prices on Application
" " " " 5-7 mm " "	
" " 3 5 mm straight or branched	
" Doucine (Eng. Paradise) 6-10 mm	
" Paradise (French) 6-10 mm	
Cherry Mazzard Seedlings, 5-9 mm	
" Mahaleb " 5-9 mm	
" " " 3-5 mm	
" " " 2-3 mm	
Pear Seedlings, 7-12 mm	
" " 5-7 mm	
" " 3-5 mm	
Quince Stocks, 7-12 mm	
" " 5-7 mm	
Rosa Canina, (Dog Rose) Stocks, 5-10 mm	
Manetti Rose Stocks, 5-10 mm	
" " " 3-5 mm	
Multiflora Rose Stocks, 5-10 mm	
" " " 3-5 mm	

*mm means Millimeter. 25 millimeters to the inch

Boxing will be charged at cost.

ROOT GRAFTS

For over forty years during the winter months, we have been putting up root grafts for the trade and for our own planting. In this work only experienced and skilled workmen are used. We are prepared to make root grafts of any style or length wanted, and make the price accordingly. We use orchard scions extensively, and strong, healthy seedlings grown by ourselves from the very hardiest and best seed that can be procured.

Our grafts are wrapped with a waxed thread specially prepared for this purpose, and are tied one hundred in a bunch, properly labeled and packed in a frost-proof cellar to callous. Each order is grafted by itself and packed separately until shipped. They are repacked and inspected several times during the winter so they are in the best of condition at shipping time.

It is very important that orders be placed early. We can then give them closer attention and supply a larger list of varieties than later in the season. Our grafting season begins about the first of January, and continues throughout the winter.

Grafts should be planted out early in the spring in well prepared ground. In our own plantings we set them about eight inches apart in the row, making the rows three feet, six inches wide. It is very essential that the earth be well pressed around them.

As our grafts are put up in bunches of one hundred, do not order a less amount of any one variety. We will be glad to mail samples upon request.

If ordered alone, varieties marked with a (*) in list of varieties, the price will be one dollar per thousand higher than quoted in this list.

Apple and Crab Piece Root Grafts

5000 and up	5 50 per 1000
1000 to 5000	6 00 per 1000

The above prices are for a general assortment of leading varieties.

Piece root grafts are made by using about six inches of scion and three and one half inches of root. They are tongued together and securely wrapped at the union making the entire graft about eight and one-half inches long. This style of graft we use mostly in our own plantings.

Apple and Crab Whole Root Grafts on Branched Seedlings

5000 and up	8 00 per 1000
1000 to 5000	9 00 per 1000

This style of graft is made by using about six inches of scion and a well-branched seedling. The entire seedling is used, making the union at the collar and wrapping with waxed thread which holds it firmly until calloused. Many prefer to plant this kind of graft claiming that they get a larger growth owing to the well-formed root system.

Apple and Crab Whole Root Grafts on Straight Seedlings

5000 and up	9 00 per 1000
1000 to 5000	10 00 per 1000

This class of grafts is made in the same manner as those on branched roots, using the same length scion but a straight seedling instead of a branched.

Pear Grafts, Piece Root	10 00 per 1000
" " Whole Root	12 00 per 1000

Write for Special Prices on Large Lots. For List of Varieties See Opposite Page. All Grafts Boxed Free.

SCIONS

Can supply some varieties of both apple and pear scions. Send in your list for prices.

VARIETIES OF APPLE, CRAB, AND PEAR GRAFTS

APPLES Summer

Benoni
Carolina Red June
Chen. Strawberry
Cooper Early White
Duch. of Oldenburg
Early Harvest
Ea. Strawberry
Golden Sweet
Keswick Codlin
*Livland Raspberry
Red Astrachan
Sops of Wine
Summer Pippin
Summer Queen
Sweet Bough
Sweet June
Tetofsky
Yel. Transparent

Autumn

Alexander
Aut. Strawberry
Bailey Sweet
Black Annette
Charlamoff
Cole Quince
Duchess No. 6
Estaline
Fall Orange
Fall Pippin
Fall Winesap
Fameuse (Snow)
Flora Belle
Gideon
Gravenstein
Haas
Hibernal
Iowa Beauty
Jefferis
Jersey Sweet
Kaump
Longfield
Lowell
Maiden Blush
McMahon White
Okabena
Peerless
Peter
Pound Sweet
Rambo
Ramsdell Sweet
Red Bietigheimer
Smokehouse
*University
Utter Red
Virginia Beauty
Wealthy
Yellow Horse

Winter

Akin
Allen Choice
Anisim
Arkansas Beauty
Arkansas Black
Babbitt
Banana
Baldwin
Baxter
Belle de Boskoop
Ben Davis
Big Romanite
*Black Ben Davis
Boiken
Buckingham
Clayton
Coffelt
Cranberry Pippin
Day
*Delicious
Dominie
D. W. M. Blush
E. G. Russet
Fallawater
Gano
Grimes Golden
Hub. Nonesuch
Huntsman
Ingram
Iowa Blush
Isham Sweet
Janet (Ralls)
Jonathan
King of T. Co.
Lansingburg
Lawver
Limber Twig
L. R. Romanite
Malinda
M. B. Twig
Mann
*McIntosh Red
Milam
Milwaukee
Minkler
Missouri Pippin
Nickajack
Northern Spy
N. W. Greening
*Opalescent
Ortley
Patten Greening
Payne Keeper
Perry Russet
Pewaukee
Plumb Cider
Price Sweet
R. I. Greening
Roman Stem
*Rome Beauty
Rolfe
Roxbury Russet
Salome
Scott Winter
Seek-no-further (Westfield)
*Senator
Shackleford
Shannon Pippin
Sheriff
Shockley
Smith Cider
*Spitzenburg
Stark
*Stayman Winesap
Sutton Beauty
Swaar
Tolman Sweet
Twenty Ounce
Vandevere Pippin
*Wagener
Walbridge
White Pippin
W. W. Pearmain
Willow Twig
Winesap
Windsor Chief
W. S. Paradise
Wisconsin Russet
Wolf River
Yellow Bellflower
*Yel Newtown Pippin (Albemarle Pippin)
York Imperial

CRAB

Alaska
Briar Sweet
Early Strawberry
Florence
General Grant
Gideon No. 4
Hyslop
Lyman Prolific
Martha
Milton
Minnesota
Montreal Beauty
Orange
Quaker Beauty
Q. C. Cluster
Red Siberian
Shields
Soulard
Sylvan Sweet
Transcendent
Van Wyck Sweet
Virginia
White Arctic
Whitney
Yellow Siberian

PEAR

Bartlett
Beurre D'Anjou
Buffum
Clapp's Favorite
Duch. d'Angouleme
Early Harvest
Flemish Beauty
Garber
Howell
Idaho
Kieffer
Koonce
Lawrence
La Conte
L. B. de Jersey
Rossney
Seckel
Sheldon
Tyson
Vermont Beauty
Wilder

If ordered alone the varieties marked with a star (*) will cost one dollar additional per thousand.

FOREST TREE SEEDLINGS-Nursery Grown Stock

	Code	per 1000
Ash, American, 12 to 18 inches	Film	3 00
" " 6 to 12 "	Fin	1 75
Box Elder, 18 to 24 inches	Final	4 00
" " 12 to 18 "	Fine	3 00
" " 6 to 12 "	Fire	1 50
" " 4 to 6 "	Firm	1 00
Catalpa, 2 to 3 feet	Fit	5 00
" 18 to 24 inches	Fix	3 50
" 12 to 18 "	Fizz	2 50
" 6 to 12 "	Flag	1 50
Elm, 18 to 24 inches	Flail	4 00
" 12 to 18 "	Flame	3 00
" 6 to 12 "	Flan	1 75
Locust, Black, 3 to 4 feet	Flap	5 00
" " 2 to 3 "	Flare	3 00
" " 18 to 24 inches	Flaro	2 50
" " 12 to 18 "	Flash	2 00
" " 6 to 12 "	Flaw	1 25
" Honey, 12 to 18 inches	Flax	3 00
" " 6 to 12 "	Flay	1 75
Maple, Silver-leaved, Soft or White, 2 to 3 feet	Fleet	5 00
" " " " " " 18 to 24 inches	Flint	3 50
" " " " " " 12 to 18 "	Flip	2 50
" " " " " " 6 to 12 "	Flop	1 50
Mulberry, Russian, 18 to 24 inches	Flow	4 50
" " 12 to 18 "	Fluid	3 50
" " 6 to 12 "	Foam	2 50
***Osage Orange,** No. 1	Fog	2 00
" " No. 2	Fold	1 25
Poplar, Carolina, 4 to 5 feet	Folio	20 00
" " 3 to 4 "	Folk	15 00
" " 2 to 3 "	Folly	10 00
Walnut, Black, 18 to 24 inches	Foad	8 00
" " 12 to 18 "	Font	6 00
Willow, Russian Golden, 2 to 3 feet	Food	10 00
" " " 18 to 24 inches	Fool	8 00

*Can supply Osage Orange with tops if wanted.

WEEPING TREES

		Per 10	per 100
Birch, Cut Leaved, 8 to 10 feet	Force	7 50	..
" " " 6 to 8 "	Ford	5 00	....
" " " 5 to 6 "	Fore	4 00	35 00
" " " 4 to 5 "	Forge	3 00	25 00
" " " 3 to 4 "	Fork	2 00	15 00
Elm, Camperdown, 2 year heads	Form	5 00	...
" " 1 " "	Fort	4 00	..
Mt. Ash, Weeping, 2 year heads	Forth	3 00	..
" " " 1 " "	Forum	2 50	..
Mulberry, Tea's Weeping Russian, 2 year heads	Foul	5 00	..
" " " " 1 " "	Frail	4 00	..
Willow, Babylonica, 8 to 10 feet	Fray	2 50	..
" " 6 to 8 "	Fret	2 00	.
" " 5 to 6 "	Friz	1 50	...
" " 4 to 5 "	Frog	1 25	....
" Kilmarnock, 2 year heads	Frow	3 50	....
" " 1 " "	Fuel	2 50	.
" Niobe, 8 to 10 feet	Fund	2 00	....
" " 6 to 8 "	Funk	1 50	....
" " 5 to 6 "	Furl	1 25	...
" Wisconsin Hardy, 8 to 10 feet	Fuse	2 00	....
" " " 6 to 8 "	Fuss	1 50	....
" " " 5 to 6 "	Fuze	1 25	....
" " " 4 to 5 "	Fuzz	1 00	....

DECIDUOUS ORNAMENTAL TREES

We have a good stock of Nursery Grown Shade and Ornamental Trees. They have been twice transplanted and are suitable for street and park planting.

	Code	Per 10	per 100
Ash, American White, 2½ to 3 inch stem	Gab	5 00	----
" " " 2 to 2½ " "	Gad	3 50	----
" " " 1½ to 2 " "	Gaff	2 50	---
" " " 8 to 10 feet	Gag	1 75	15 00
" " " 6 to 8 "	Gage	1 25	10 00
" " " 5 to 6 "	Gait	1 00	8 00
" " " 4 to 5 "	Gala	80	6 00
Birch, European White, 2 to 2½ inch stem	Gald	5 00	----
" " " 1½ to 2 " "	Galf	3 50	----
" " " 8 to 10 feet	Gall	2 50	----
" " " 6 to 8 "	Gang	1 75	----
" " " 5 to 6 "	Gaol	1 50	12 50
" " " 4 to 5 "	Gape	1 25	10 00
" " " 3 to 4 "	Garb	1 00	8 00
Box Elder, 6 to 8 feet	Gard	1 25	10 00
" " 5 to 6 "	Garg	1 00	8 00
" " 4 to 5 "	Gash	80	6 00
Buckeye, 8 to 10 feet	Gaso	5 00	----
" 6 to 8 "	Gasp	3 50	.
" 5 to 6 "	Gast	2 50	----
Butternut, 6 to 8 feet	Gasu	2 00	----
" 5 to 6 "	Gate	1 75	----
" 4 to 5 "	Gawk	1 50	----
" 3 to 4 "	Gay	1 25	----
Catalpa, Bungei, 6 to 8 feet	Gaze	5 00	----
" " 5 to 6 "	Gear	4 00	----
" Speciosa, 2½ to 3 inch stem	Germ	3 50	----
" " 2 to 2½ " "	Gero	2 50	----
" " 1½ to 2 " "	Ghat	2 00	15 00
" " 8 to 10 feet	Gib	1 50	12 50
" " 6 to 8 "	Gift	1 25	10 00
" " 5 to 6 "	Gig	1 00	8 00
" " 4 to 5 "	Gild	80	6 00
Chestnut, Sweet, 1½ to 2 inch stem	Gile	5 00	----
" " 8 to 10 feet	Gilf	3 50	----
" " 6 to 8 "	Gill	2 50	----
" " 5 to 6 "	Gilo	2 00	.. .
" " 4 to 5 "	Gilt	1 50	. .
" " 3 to 4 "	Gilu	1 25	..
" Horse, 6 to 8 feet	Gimo	4 00	----
" " 5 to 6 "	Gimp	3 00	...
" " 4 to 5 "	Gin	2 50	----
" " 3 to 4 "	Gind	2 00	. ..
Cottonwood, 2 to 2½ inch stem	Gino	5 00	...
" 1½ to 2 " "	Gip	3 50	...
" 8 to 10 feet	Gipt	2 50	
" 6 to 8 "	Gird	1 50	----
" 5 to 6 "	Gire	1 00	.
" 4 to 5 "	Giro	80	. ..
Crabs, Bechtel's Double Flowering, 4 to 5 feet	Girt	3 00	----
" " " " 3 to 4 "	Giss	2 50	20 00
" " " " 2 to 3 "	Gist	1 75	15 00
" " " " 18 to 24 inches	Gisu	1 50	12 50
Elm, American, 2½ to 3 inch stem	Glad	6 00	----
" " 2 to 2½ " "	Glade	4 00	----
" " 1½ to 2 " "	Glair	3 00	25 00
" " 8 to 10 feet	Glance	1 75	15 00
" " 6 to 8 "	Gland	1 25	10 00
" " 5 to 6 "	Glans	1 00	8 00
" " 4 to 5 "	Glare	80	6 00

Deciduous Ornamental Trees (Continued)

		Per 10	Per 100
Elm, Scotch, 2½ to 3 inch stem	Glass	10 00	--
" " 2 to 2½ " "	Glaze	7 50	----
" " 1½ to 2 " "	Gleam	5 00	-- -
" " 8 to 10 feet	Glean	3 50	----
Hackberry, 8 to 10 feet	Glebe	2 50	----
" 6 to 8 "	Glee	1 75	----
" 5 to 6 "	Glen	1 25	----
" 4 to 5 "	Glib	1 00	----
" 3 to 4 "	Glide	75	----
Judas Tree, or Red Bud, 6 to 8 feet	Globe	2 00	----
" " " " " 5 to 6 "	Glood	1 50	----
" " " " " 4 to 5 "	Gloom	1 25	----
" " " " " 3 to 4 "	Gloon	1 00	----
Larch, 2 to 3 feet	Gloop	1 00	- --
" 18 to 24 inches	Gloos	80	----
" 12 to 18 "	Gloot	60	----
Linden, American and European. 2 to 2½ inch stem	Glory	7 50	----
" " " " 1½ to 2 " "	Gloss	5 00	----
" " " " 8 to 10 feet	Glossa	3 50	----
" " " " 6 to 8 "	Glossy	2 50	---
" " " " 5 to 6 "	Gloto	2 00	----
" " " " 4 to 5 "	Glove	1 50	----
" " " " 3 to 4 "	Glow	1 00	--
Locust, Black, 2½ to 3 inch stem	Gloze	3 50	----
" " 2 to 2½ " "	Glue	2 50	---
" " 1½ to 2 " "	Glum	2 00	----
" " 8 to 10 feet	Glume	1 50	---
" " 6 to 8 "	Gnarl	1 25	----
" " 5 to 6 "	Gnash	1 00	8 00
" " 4 to 5 "	Gnat	80	6 00
" Honey, 8 to 10 "	Gnaw	2 50	20 00
" " 6 to 8 "	Gnom	2 00	15 00
" " 5 to 6 "	Goad	1 50	12 50
" " 4 to 5 "	Goal	1 25	10 00
" " 3 to 4 "	Goat	1 00	8 00
Magnolia, Acuminata, 6 to 8 feet	Gold	3 00	-- -
" " 5 to 6 "	Golf	2 50	--
Maple, Norway, 2 to 2½ inch stem	Gong	7 50	---
" " 1½ to 2 " "	Goon	5 00	-- -
" " 8 to 10 feet	Goop	4 00	35 00
" " 6 to 8 "	Goor	3 00	25 00
" " 5 to 6 "	Gore	2 50	20 00
" " 4 to 5 "	Goth	1 50	----
" " 3 to 4 "	Gout	1 00	---
" Schwedler's, 8 to 10 feet	Gown	7 50	----
" " 6 to 8 "	Grab	5 00	---
" " 5 to 6 "	Graf	4 00	----
" " 4 to 5 "	Grim	3 00	----
" Silver, Soft or White, 2½ to 3 inch stem	Grin	3 50	----
" " " " " 2 to 2½ " "	Grip	2 50	----
" " " " " 1½ to 2 " "	Gripe	2 00	----
" " " " " 8 to 10 feet	Grit	1 50	12 50
" " " " " 6 to 8 "	Grog	1 00	8 00
" " " " " 5 to 6 "	Grot	80	6 00
" " " " " 4 to 5 "	Gulf	60	4 00
" Sugar, 8 to 10 feet	Gull	4 00	35 00
" " 6 to 8 "	Gulp	3 00	25 00
" " 5 to 6 "	Gush	2 50	20 00
" " 4 to 5 "	Gust	1 75	15 00
" Weir's Cut Leaved, 2 to 2½ inch stem	Gyab	5 00	----
" " " " 1½ to 2 " "	Gybe	3 50	----
" " " " 8 to 10 feet	Gyre	2 50	20 00
" " " " 6 to 8 "	Gyve	1 75	15 00

Deciduous Ornamental Trees (Continued)

	Code	Per 10	Per 100
Maple, Weir's Cut Leaved, 5 to 6 feet	Hack	1 50	12 50
" " " " 4 to 5 "	Haft	1 25	10 00
Mountain Ash, European, 1½ to 2 inch stem	Hair	3 00	
" " " 8 to 10 feet	Haje	2 00	15 00
" " " 6 to 8 "	Hale	1 50	12 50
" " " 5 to 6 "	Hall	1 25	10 00
" " " 4 to 5 "	Halo	1 00	8 00
" Oak Leaved, 6 to 8 feet	Halt	2 50	
" " 5 to 6 "	Hand	1 75	15 00
" " 4 to 5 "	Hang	1 50	12 50
" " 3 to 4 "	Hank	1 25	10 00
Oak, Red, 8 to 10 feet	Hant	5 00	
" " 6 to 8 "	Hard	3 50	
Olive, Russian, 5 to 6 feet	Hare	1 50	12 50
" " 4 to 5 "	Hark	1 25	10 00
" " 3 to 4 "	Harm	80	6 00
" " 2 to 3 "	Harp	50	4 00
Persimmons, 5 to 6 feet	Hart	1 75	
" 4 to 5 "	Hash	1 50	----
" 3 to 4 "	Hasp	1 25	--
Poplar, Balm of Gilead, 2 to 2½ inch stem	Hast	3 50	
" " " " 1½ to 2 " "	Hate	2 50	
" " " " 8 to 10 feet	Haw	2 00	--
" " " " 6 to 8 "	Hawk	1 50	----
" " " " 5 to 6 "	Haze	1 25	
" " " " 4 to 5 "	Hazy	1 00	---
" Carolina, 2½ to 3 inch stem	Head	3 50	---
" " 2 to 2½ " "	Heal	2 50	--
" " 1½ to 2 " "	Hean	1 50	12 50
" " 8 to 10 feet	Heap	1 00	8 00
" " 6 to 8 "	Heed	80	6 00
" " 5 to 6 "	Heel	50	4 00
" " 4 to 5 "	Heft	40	3 00
" Lombardy, 1½ to 2 inch stem	Heir	2 00	---
" " 8 to 10 feet	Helm	1 50	12 50
" " 6 to 8 "	Hem	1 25	10 00
" " 5 to 6 "	Hemp	1 00	8 00
" " 4 to 5 "	Herb	60	
" Norway, 2 to 2½ inch stem	Herd	2 50	---
" " 1½ to 2 " "	Hero	1 50	
" " 8 to 10 feet	Herr	1 00	
" " 6 to 8 "	Hest	80	
" " 5 to 6 "	Hew	60	
" " 4 to 5 "	Hile	40	--
" Silver Leaved, 2 to 2½ inch stem	Hill	3 50	----
" " " 1½ to 2 " "	Hilo	2 50	
" " " 8 to 10 feet	Hilt	2 00	--
" " " 6 to 8 "	Hind	1 50	---
" " " 5 to 6 "	Hist	1 25	--
" " " 4 to 5 "	Hive	1 00	
Sycamore, American and European, 1½ to 2 inch stem	Hoag	2 50	
" " " " 8 to 10 feet	Hoax	2 00	15 00
" " " " 6 to 8 "	Holm	1 50	12 50
" " " " 5 to 6 "	Hone	1 25	10 00
" " " " 4 to 5 "	Hood	1 00	8 00
" " " " 3 to 4 "	Hoop	80	6 00
Thorn, Double Flowering, Pink and White, 4 to 5 feet	Hose	2 50	
" " " " " " 3 to 4 "	Host	2 00	
Tulip Tree, 8 to 10 feet	Hosu	2 50	
" " 6 to 8 "	Hove	2 00	----
" " 5 to 6 "	Howe	1 75	15 00
Walnut, Black, 3 to 3½ inch stem	Hozz	7 50	
" " 2½ to 3 " "	Huab	5 00	
" " 2 to 2½ " "	Hued	3 50	

Deciduous Ornamental Trees (Continued)

	Code	Per 10	Per 100
Walnut, Black, 1½ to 2 inch stem	Huff	2 50	----
" " 8 to 10 feet	Hulk	2 00	17 50
" " 6 to 8 "	Hull	1 75	15 00
" " 5 to 6 "	Hum	1 50	12 50
" " 4 to 5 "	Hung	1 25	10 00
" " 3 to 4 "	Hunk	80	----
Willow, Golden, 6 to 8 feet	Hure	1 00	8 00
" " 5 to 6 "	Hurl	75	5 00
" " 4 to 5 "	Hush	40	---
" " 3 to 4 "	Husk	30	--
" Laurel Leaved, 6 to 8 feet	Hust	1 25	10 00
" " " 5 to 6 "	Ibex	1 00	8 00
" " " 4 to 5 "	Ibis	80	6 00
" " " 3 to 4 "	Idem	60	5 00

ORNAMENTAL SHRUBS

Almonds, Dbl. Flow. Pink, Red and White, 3 to 4 feet	Ides	1 75	----
" " " " " " " 2 to 3 "	Idez	1 50	----
" " " " " " " 18 to 24 inches	Idle	1 25	----
Altheas, Assorted, 3 to 4 feet	Idol	1 25	10 00
" " 2 to 3 "	Idul	1 00	8 00
" " 18 to 24 inches	Idyl	80	6 00
Azalea Mollis	Igat	3 00	---
Barberry, Purple Leaved, 2 to 3 feet	Igno	1 00	8 00
" " " 18 to 24 inches	Ignu	60	5 00
" " " 12 to 18 "	Ilat	40	3 00
" " " 6 to 12 "	Ilex	30	2 00
" Thunberg's, 2 to 3 feet	Ilot	1 25	10 00
" " 18 to 24 inches	Ilut	1 00	8 00
" " 12 to 18 "	Impel	60	5 00
" " 6 to 12 "	Imply	40	3 00
" Vulgaris, 2 to 3 feet	Incline	1 00	8 00
" " 18 to 24 inches	Income	60	5 00
" " 12 to 18 "	Indent	40	3 00
" " 6 to 12 "	Index	30	2 00
Buckthorn, 18 to 24 inches	Indict	40	3 00
" 12 to 18 "	Indite	30	2 00
Calycanthus, 2 to 3 feet	Induce	1 25	10 00
" 18 to 24 inches	Indue	1 00	8 00
Caragana, Pea Tree, 4 to 5 feet	Indulge	1 25	10 00
" " " 3 to 4 "	Infare	1 00	8 00
" " " 2 to 3 "	Infect	80	6 00
" " " 18 to 24 inches	Infirm	60	4 00
Cornus, Sanguinea and Siberica, 18 to 24 inches	Infix	80	6 00
" " " " 12 to 18 "	Infold	60	4 00
Cranberry, High Bush, 2 to 3 feet	Inform	1 00	8 00
" " " 18 to 24 inches	Infuse	80	6 00
" " " 12 to 18 "	Ingot	60	4 00
Currant, Flowering, 2 to 3 feet	Ingrain	1 00	----
" " 18 to 24 inches	Ingrate	80	----
Deutzia, Assorted, 2 to 3 feet	Ingulf	1 00	8 00
" " 18 to 24 inches	Inject	80	6 00
Elder, Golden Leaved, 2 to 3 feet	Inlace	1 00	8 00
" " " 18 to 24 inches	Invite	80	6 00
Eleagnus Longipes, 18 to 24 inches	Invoke	80	----
" " 12 to 18 "	Inwall	60	---
Euonymus, Strawberry Tree, 5 to 6 feet	Irate	1 50	----
" " " 4 to 5 "	Island	1 25	----
Forsythia, Fortuneii, 2 to 3 feet	Item	1 25	----
" " 18 to 24 inches	Ivory	1 00	----
" Intermedia, 2 to 3 feet	Izzard	1 25	--
" " 18 to 24 inches	Jaw	1 00	--
" " 12 to 18 "	Jean	80	----
" Suspensa, 18 to 24 inches	Jeer	1 00	---
" Viridissima, 18 to 24 inches	Jerk	1 00	----

Ornamental Shrubs (Continued)

	Code	Per 10	Per 100
Fringe, Purple or Smoke Tree 4 to 5 feet	Jero	1 50	12 50
" " " " " 3 to 4 "	Jert	1 25	10 00
" " " " " 2 to 3 "	Jeru	1 00	8 00
Honeysuckle, Tartarian, Red, Pink and White, 2 to 3 feet	Jest	1 00	8 00
" " " " " " 18 to 24 inches	Jig	80	6 00
Hydrangea, Paniculata Grandiflora, 3 to 4 feet	Jilt	1 50	12 50
" " " 2 to 3 "	Jimp	1 25	9 00
" " " 18 to 24 inches	Job	90	7 00
" " " 12 to 18 "	Jog	70	6 00
" " " 6 to 12 "	Jolt	50	4 00
" Tree, 4 to 5 feet	Joss	2 00	17 50
" " 3 to 4 "	Jot	1 75	15 00
Lilac, Josikaea, 3 to 4 feet	Keno	1 50	
" " 2 to 3 "	Kera	1 25	10 00
" Persian, 3 to 4 feet	Kerb	1 50	...
" " 2 to 3 "	Kerf	1 25	
" Purple, 3 to 4 feet	Kern	1 25	10 00
" " 2 to 3 "	Kert	1 00	8 00
" " 18 to 24 inches	Keru	80	6 00
" " 12 to 18 "	Kerz	60	4 00
" White, 3 to 4 feet	Khan	1 50	..
" " 2 to 3 "	Kiat	1 25	.
" " 18 to 24 inches	Kibe	1 00	.
" " 12 to 18 "	Kibo	80	.
" Budded, Tree Form, 4 to 5 feet	Kide	2 50	
" " " " 3 to 4 "	Kife	2 00	
" " " " 2 to 3 "	Kill	1 50	.

Abel Carriere	Jean de Arc	Marie Legraye
Admiral Togo	Ludwig Spaeth	Mathew de Dombasle
Alphonse Lavalle	Madame Casimir Perier	Michael Buchner
Charles X	Madame Carnot	President Carnot
Congo	Madame Lemoine	President Grevy
Francis Morel	Madame Leon Simon	Prince de Beauveau

Prunus, Pissardi, 4 to 5 feet	Kiln	1 75	
" " 3 to 4 "	Kilo	1 50	...
" Triloba, 4 to 5 feet	Kilt	1 75	.
" " 3 to 4 "	Kim	1 50	
Privet, Amoor, 2 to 3 feet	Kind	40	3 00
" " 18 to 24 inches	Kine	30	2 00
" " 12 to 18 "	King	20	1 50
" California, 3 to 4 feet	Kink	40	3 00
" " 2 to 3 "	Kirk	30	2 50
" " 18 to 24 inches	Kite	25	2 00
" " 12 to 18 "	Kith	20	1 50
" Ibota, 2 to 3 feet	Knap	60	5 00
" " 18 to 24 inches	Knee	50	4 00
" " 12 to 18 "	Knit	40	3 00
" Vulgaris, 18 to 24 inches	Knob	30	2 50
" " 12 to 18 "	Knop	25	2 00
Quince, Japan Scarlet, 18 to 24 inches	Knot	50	4 00
" " " 12 to 18 "	Lace	40	3 00
" " " 6 to 12 "	Lade	20	1 50
Rhododendron, (Budded) named	Lady	7 50	...
" " unnamed	Laic	6 00	.
Snowball, 3 to 4 feet	Lair	1 25	10 00
" 2 to 3 "	Lakh	1 00	8 00
" 18 to 24 inches	Lama	80	6 00
" 12 to 18 "	Lamb	60	5 00
" Japan, 2 to 3 feet	Lame	1 50	
" " 18 to 24 inches	Lamp	1 25	..

Ornamental Shrubs (Continued)

	Code	Per 10	Per 100
Snowberry, Red, 2 to 3 feet	Lance	1 00	8 00
" White, 2 to 3 feet	Land	1 00	8 00
" " 18 to 24 inches	Lane	80	6 00
" " 12 to 18 "	Lank	50	4 00
Spirea, Anthony Waterer, 18 to 24 inches	Lant	1 25	10 00
" " " 12 to 18 "	Lard	1 00	8 00
" Arguta, 2 to 3 feet	Lark	1 25	10 00
" " 18 to 24 inches	Larl	1 00	8 00
" Billardi, 2 to 3 feet	Lart	1 25	10 00
" " 18 to 24 inches	Lash	1 00	8 00
" Bumalda, 18 to 24 inches	Lath	1 25	10 00
" " 12 to 18 "	Lave	1 00	8 00
" Callosa, 18 to 24 "	Lean	1 00	----
" " Alba, 18 to 24 inches	Leap	1 00	----
" " " 12 to 18 "	Leat	80	-
" Douglasi, 2 to 3 feet	Leed	1 25	10 00
" " 18 to 24 inches	Leek	1 00	8 00
" Fredelia, 18 to 24 "	Leen	1 00	8 00
" Froebelli, 18 to 24 "	Leer	1 00	8 00
" Opulifolia, 3 to 4 feet	Lend	1 25	10 00
" " 2 to 3 "	Lens	1 00	8 00
" " Aurea, 3 to 4 feet	Lent	1 25	10 00
" " " 2 to 3 "	Levy	1 00	8 00
" Prunifolia, 18 to 24 inches	Lice	1 00	----
" Reevesii 2 to 3 feet	Lick	1 25	----
" " 18 to 24 inches	Lief	1 00	----
" " 12 to 18 "	Lien	80	----
" Speciosa 18 to 24 "	Lift	1 00	----
" Sorbifolia, 2 to 3 feet	Lilt	1 25	----
" " 18 to 24 inches	Lime	1 00	----
" Thunbergii, 18 to 24 inches	Limn	1 00	----
" Van Houttei, 2 to 3 feet	Limp	80	6 00
" " " 18 to 24 inches	Limy	50	4 00
" " " 12 to 18 "	Ling	40	3 00
Syringa, Mock Orange, Assorted, 3 to 4 feet	Link	1 25	10 00
" " " " 2 to 3 "	Lint	1 00	8 00
" " " " 18 to 24 inches	Lion	80	6 00
Tamarix, Africana and Amurensis, 4 to 5 feet	Loaf	1 25	10 00
" " " " 3 to 4 "	Lock	1 00	8 00
Weigela, Abel Carriere, 2 to 3 feet	Lode	1 25	----
" " " 18 to 24 inches	Loft	1 00	----
" Eva Rathke, 2 to 3 feet	Loof	1 25	----
" " " 18 to 24 inches	Loon	1 00	----
" Rosea, 3 to 4 feet	Loop	1 50	12 50
" " 2 to 3 "	Loot	1 25	10 00
" Variegated, 2 to 3 feet	Lope	1 50	12 50
" " 18 to 24 inches	Lore	1 25	10 00

CLIMBING VINES

Akebia Quinata,	Lug	1 25	10 00
Ampelopsis, Englemanni	Luke	1 00	8 00
" Quinquefolio (Virginia Creeper or American Ivy)	Lull	75	6 00
" Veitchii, (Boston Ivy)	Lum	1 00	8 00
Aristolochia Sipho, Dutchman's Pipe	Lump	2 50	...
Bignonia Radicans, Trumpet Creeper	Lunch	1 00	----
Celastrus or Staff Tree, Bitter Sweet	Lung	1 00	----
Clematis, Coccinea, bright scarlet	Lure	1 25	10 00
" Paniculata and Virgin's Bower, White	Lute	1 00	8 00
" Viticella, purple or blue	Mad	1 00	8 00
" Jackmanni, purple	Made	1 70	16 00
" Duchess of Edinburgh, Fair Rosamond, Fairy Queen, Gypsy Queen, Henryi, Lawsoniana, Madam Baron Veillard, Madam Edward Andre, Miss Bateman, Ramona, Ville de Lyon	Maid	1 70	16 00

Climbing Vines (Continued)

	Code	Per 10	Per 100
Honeysuckle, Chinese	Maim	1 00	8 00
" Golden Leaved	Main	1 00	8 00
" Halleana	Mall	1 25	10 00
" Monthly Fragrant	Malt	1 25	10 00
" Scarlet Trumpet and Yellow Trumpet	Mane	1 25	10 00
Matrimony Vines,	Manor	1 00	8 00
Periploca, Virginia Silk Vine	Manse	1 00	
Wistaria, Purple Flower	Manus	80	6 00
" White	Manx	1 50	

PEONIES HERBACEOUS

Pink, unamed	Mark	70	5 00
Red, unamed	Marl	1 00	8 00
White, unamed	Mars	1 00	8 00
Named, varieties as follows	Mart	1 25	10 00

Baron Keeroka
Baron Rothschild
Daniel d'Albert
Dorothy Drew
Doyenne de Engheim
Duchess de Orleans
Duchess of Dovenshire
Festiva
Francois Ortegat
Fulgida
Gigantea
Golden Harvest
Henri Demay
Insignis
Juliet
La Martine
Marie Lemoine
Marquis Ito
Officinalis Rubra
Perfection
Papaveriflora
Prince de Tallindyke
Prince of Nippon
Queen of Isle
Queen Victoria
Reine Hortense
Rubens
Rubra Triumphans
Ville de Nancy

HEDGING

	Code	Per 100	Per 1000
Barberry, Purple Leaved, 2 to 3 feet	Masi	8 00	----
" " " 18 to 24 inches	Mask	5 00	----
" " " 12 to 18 "	Masl	3 00	----
" " " 6 to 12 "	Masm	2 00	----
" Thunberg's, 2 to 3 feet	Masn	10 00	----
" " 18 to 24 inches	Maso	8 00	----
" " 12 to 18 "	Masp	5 00	----
" " 6 to 12 "	Masq	3 00	----
" Vulgaris, 2 to 3 feet	Masr	8 00	
" " 18 to 24 inches	Mass	5 00	----
" " 12 to 18 "	Mast	3 00	----
" " 6 to 12 "	Masv	2 00	----
Buckthorn, 18 to 24 inches	Masx	3 00	----
" 12 to 18 "	Masy	2 00	----
Locust, Honey, 12 to 18 inches	Mata	----	3 00
" " 6 to 12 "	Mate	----	1 75
Osage Orange, No. 1	Mati	----	2 00
" " No. 2	Mato	----	1 25
Privet, Amoor, 2 to 3 feet	Matt	3 00	----
" " 18 to 24 inches	Matu	2 00	----
" " 12 to 15 "	Maub	1 50	----
" California, 3 to 4 feet	Mauc	3 00	----
" " 2 to 3 "	Maud	2 50	20 00
" " 18 to 24 inches	Mauf	2 00	15 00
" " 12 to 18 "	Maug	1 50	12 50
" Ibota, 2 to 3 feet	Maul	5 00	----
" " 18 to 24 inches	Maw	4 00	----
" " 12 to 18 "	Maze	3 00	----
" Vulgaris, 2 to 3 feet	Mead	4 00	----
" " 18 to 24 inches	Meag	3 00	----
" " 12 to 18 "	Meal	2 00	----
Quince, Japan Scarlet, 2 to 3 feet	Mean	6 00	----
" " " 18 to 24 inches	Mear	4 00	----
" " " 12 to 18 "	Meat	3 00	----
" " " 6 to 12 "	Meax	1 50	----

EVERGREENS—Transplanted

We call attention to a complete stock of hardy Western Grown Evergreens. All orders are dug same day as shipped and great care is used to keep the roots from exposure. If Evergreens are balled, we will make an extra charge for same.

	Code	Per 10	Per 100
Arbor Vitae, American, 2 to 3 feet	Meba	1 25	10 00
" " " 18 to 24 inches	Mebe	1 00	8 00
" " " 12 to 18 "	Mebo	80	6 00
" " Siberian, 18 to 24 inches	Meby	1 75	----
" " " 12 to 18 "	Meca	1 50	----
Balsam Fir, 4 to 5 feet	Mece	2 00	17 50
" " 3 to 4 "	Meco	1 75	15 00
" " 2 to 3 "	Mede	1 50	12 50
" " 18 to 24 inches	Meed	1 25	10 00
" " 12 to 18 "	Meek	1 00	8 00
Juniper, Irish, Savin and Swedish, 2 to 3 feet	Meer	2 00	----
" " " " " 18 to 24 inches	Meet	1 75	----
" " " " " 12 to 18 "	Mele	1 50	----
Pine, Austrian, 2 to 3 feet	Melo	1 50	12 50
" " 18 to 24 inches	Melt	1 25	10 00
" " 12 to 18 "	Mena	1 00	8 00
" Bull, 18 to 24 inches	Mend	1 25	10 00
" " 12 to 18 "	Menu	1 00	8 00
" Jack, 2 to 3 feet	Mera	1 25	----
" " 18 to 24 inches	Mere	1 00	----
" " 12 to 18 "	Merl	75	----
" Scotch, 2 to 3 feet	Mert	1 50	12 50
" " 18 to 24 inches	Mesh	1 25	10 00
" " 12 to 18 "	Mess	1 00	8 00
" White, 18 to 24 "	Mest	1 25	10 00
" " 12 to 18 "	Mete	1 00	8 00
Spruce, Black Hills, 18 to 24 inches	Mew	1 75	15 00
" " " 12 to 18 "	Mewe	1 50	12 50
" Blue (Blue Tinge) 2 to 3 feet	Mews	7 50	----
" " " " 18 to 24 inches	Mica	5 00	---
" " " " 12 to 18 "	Mice	3 50	----
" Colorado Green, 2 to 3 feet	Mila	5 00	----
" " " 18 to 24 inches	Mild	3 00	----
" " " 12 to 18 "	Mile	2 00	----
" Douglas, 2 to 3 feet	Milk	3 00	----
" " 18 to 24 inches	Mill	2 50	----
" " 12 to 18 "	Milt	2 00	----
" Hemlock, 18 to 24 inches	Mime	1 25	----
" " 12 to 18 "	Mind	1 00	----
" Koster's Blue, 2 to 3 feet	Mine	20 00	----
" " " 18 to 24 inches	Mink	15 00	----
" " " 12 to 18 "	Mint	10 00	----
" Norway, 18 to 24 inches	Minx	1 25	10 00
" " 12 to 18 "	Mire	1 00	8 00

The Koster's are grafted specimens and much in demand where choice Evergreens are wanted.

ROSES—Strong Field Grown Plants

	Code	Per 10	Per 100
Hybrid, Perpetual, largely of the following kinds	Mite	$1 50	12 50

Alfred Colomb	Eugene Furst	Madam G. Luizet
Anne de Diesbach	Fischer Holmes	Magna Charta
Baron de Bonstetten	Frau Karl Druschki	Margaret Dickson
Baroness Rothschild	General Jacqueminot	M. P. Wilder
Captain Hayward	General Washington	Mrs. John Laing
Clio	John Hopper	Paul Neyron
Coq. des Alpes	Jubilee	P. C. de Rohan
Coq. des Blanches	Jules Margottin	Ulrich Brunner
Earl of Dufferin	Mabel Morrison	

Miscellaneous

American Beauty	Mix	1 50	----
Gruss an Teplitz	Moan	1 50	----
Harrison Yellow	Moat	1 50	12 50
La France	Mob	1 50	----
Madame Plantier	Mode	1 00	----
Persian Yellow	Model	1 50	12 50

Moss Roses

Assorted	Mole	1 50	12 50

Blanche Moreau	Henry Martin	Salet
Crested Moss	Perpetual White	White Bath

Rugosa and Rugosa Hybrids

Agnes Emily Carman	Molt	1 25	----
Madame Geo. Bruant	Monk	1 25	----
Rosa Alba	Mont	1 25	----
" Rubra	Mood	1 00	----

Wichuriana Hybrids

Assorted	Moody	1 00	----

Manda's Triumph	S. O. Perfection	Universal Favorite
Pink Roamer		

Climing and Rambler Roses

Baltimore Belle	Moon	1 00	9 00
Blue Rambler, (Veilchenblau)	Moor	2 00	----
Crimson Rambler	Mop	1 50	12 50
Dorothy Perkins	Mope	1 00	9 00
Empress of China	Moral	1 00	9 00
Flower of Fairfield	Most	2 00	----
Katharine Zeimet, (White Baby Rambler)	Mown	1 50	----
Lady Gay	Muff	1 00	9 00
Maman Levavasseur, (Baby Dorothy Pink)	Mug	1 50	----
Mme. N. Levavasseur, (Crimson Baby Rambler)	Mum	1 50	12 50
Pink Rambler	Nab	1 00	----
Prairie Queen	Nap	1 00	9 00
Seven Sisters	Neap	1 00	9 00
White Rambler	Net	1 25	----
Yellow Rambler	Nip	1 25	----

Tree Roses

Assorted	Nob	5 00	40 00

Hardy Herbaceous Flowering Plants

	Per 10	Per 100
Achillea, (The Pearl)	80	7 00
Acquilegia, yellow or white (Columbine)	1 00	8 00
Asters, strong transplanted plants, white, lavender, pink, red and purple; all named sorts	50	4 00
Daisy, Shasta, 2 inch pots	50	4 00
Dielytra Spectabilis, (Bleeding Heart)	1 25	10 00
Delphinium, (Larkspur)	1 00	8 00
" Named	1 75	15 00
Funkia,	80	7 00
Gaillardia, (Blanket Flower)	1 00	8 00
Gypsophila Paniculata, (Baby's Breath)	1 00	8 00
Hollyhock, choice double	1 00	8 00
Iris, German, mixed	60	5 00
" named, we have a very choice selection, any shade or color	1 00	8 00
Moonflower, strong 3 inch pots	1 00	8 00
Phlox, mixed	75	6 00
Phlox, choice latest sorts	1 78	15 00
Rudbeckia, Golden Glow	40	3 00
Salvia, St. Louis and Splendens, 2 inch pots	60	5 00
Yucca Filamentosa,	50	4 00

Miscellaneous Greenhouse Plants

Carnations, strong 2 inch pots; pink, red, whit-	80	7 00
Chrysanthemums, strong 2 inch pots	80	7 00
Geraniums, either double or single, any color, 2 inch pots	80	7 00
Ferns, hardy, for out-door planting,	1 25	10 00
" Boston, 2 inch	1 00	8 00
" Asparagus, 2 inch	1 00	8 00
Heliotrope, strong 2 inch pots	1 00	8 00
Hydrangea, for house culture, small	1 75	15 00
Lily of the Valley, in clumps of 10 pips each	1 75	15 00
Pansies,	50	4 00

Hardy Bulbs for Fall Planting

Crocus, in separate colors or mixed	15	1 00
Freesia, Refracta Alba. strong bulbs	30	2 00
Hyacinth, Dutch, double or single, in the following colors; red white or blue	60	5 00
" Roman, white only	60	5 00
Lilium, Auratum	1 75	15 00
" Rubrum	1 75	15 00
" Harissii, white trumpet	1 75	15 00
" Longiflorum, white trumpet	1 75	15 00
" Tigrinum, (Tiger Lily)	50	4 00
Narcissus, (Daffodils) hardy double	30	2 00
" " " single	30	2 00
Tulip, single or double	30	2 00

Tender Bulbs and Tubers for Spring Planting

Cannas, best named varieties	60	5 00
Caladium, Esculentum, (Elephant Ear) Large	1 75	15 00
Dahlias, choice, double, named sorts in the following colors: red, pink, yellow, white and variegated	1 25	10 00
" in separate colors, not named	1 00	8 00
" in mixed colors	60	5 00
Gladiolus, choice mixed, all colors	25	2 00
" Nishna Valley mixture, extra fine	30	2 50
" Named	50	4 00
Tube Rose, Excelsior Pearl, first class bulbs	30	2 00

NURSERYMEN'S SUPPLIES

Box Straps—Made out of thin sheet steel and cut into strips which average about twelve inches long and one inch wide. It is very strong, tough and pliable and holds the heaviest box. A nail can be driven through it readily without previous punching.
Per lb 05

Burlap—7 ounce to the yard, 40 inches wide, per yard 07

Carpet Warp—For tying buds, comes in skeins in 5 lb. packages, per lb 25

Collating Books—To collate Orders. Ruled with printed headlines showing principal varieties, per book 05
Per book, postpaid 07

Delivery Cash Books—Have ruled spaces for name of customer, amount of order, amount collected, etc. Holds 133 accounts, per book 05
Per book, postpaid 07

Dibbles or Planting Steels—Used for setting out grafts, etc. each $1 00

Grafting Thread—Unwaxed, per ball 10
Waxed, per ball 12½
One ball of waxed thread will wind about 4,000 grafts. If ordered by mail add 2c per ball to the unwaxed and 7c per ball to the waxed to pay postage.

Knives, Budding—Wostenholm's I. X. L. Ivory tip. Best on market, each 75
postpaid 80

Knives, Grafting—The best all around reasonable priced grafting knives that we know of. Have used them in our grafting room, and have sold them to the trade for years, and they give excellent satisfaction. American make, square point each 40
Each, postpaid 45
English make, a better knife, square point, each 50
Each, postpaid 55

Knives, Pruning—Wostenholm's I. X. L. None better, each 75
Each, postpaid 80

Knives, Pruning—Keen Kutter. Not as heavy as the Wostenholm. Fine for light pruning, each 50
Each, postpaid 55

Labels—We carry constantly on hand a large stock of labels, which are put up in neat packages of 1000 each, ready for use. They are of superior quality, and will please.
Notched, Iron wired, 3½ inch plain, per 1,000 80
Notched, Copper wired, 3½ inch plain, per 1,000 ..... $1 00
Notched and pierced, Iron wired, 3½ inch plain, per 1,000 90

Mule Skin Mittens—Made out of mule skin. Very durable and wear like buckskin. Just the thing to handle trees, roses, etc. There are two sheaths, one for the forefinger and one for the other three fingers, per pair 35
Per dozen pair $3 00

Needles—For sewing burlap, 6 inch curved, best, per dozen 65

Order Books—Containing 25 order sheets, also duplicates which are of different color. Our name does not appear on these blanks, each 25
Per dozen $2 40

Paper—To line boxes and protect contents from wind, frost, etc., comes in rolls weighing 60 to 65 lbs., 33 inches wide, extra good quality, per lb 03

Pruning Shears—California pattern, 9 inches, plain nut, steel blades, blued flat steel, coil spring, each 75

Raffia—Fresh stock, "Red Star Brand" per lb 15

Sewing Twine—For burlapping, in skeins, per lb 25

Sisal—2-ply, for tying large bales, per lb 10

Spades—Ames make, the best heavy nursery spade, strapped full length, each $1 75

Spades—Keen Kutter, not as heavy as the Ames, strapped full length, each $1 75

Tarred Lath Yarn—Used for tying trees in bunches. We use this twine especially on trees that are going into storage over winter, as it does not rot like wool twine. We have it in balls of five lbs. each, per lb 10

Tube Rope 6 ply, for tying trees, put up in five lb. balls, per lb 10

Wool Twine—4 ply, for tying trees in bunches, put up in balls of about one lb each, per lb 10